Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 18 Aug 2020 until 23:59 on Wednesday 19 Aug 2020

Forecast Issued on Monday 17 Aug 2020 at 15:29

Confidence: High confidence for an unsettled spell of weather to come with showers or longer spells of rain and strong winds; especially on Wednesday and Friday. Low to moderate confidence for likelihood of heavy showers or thunderstorms on Tuesday.

Headline for Tuesday 18 Aug 2020: A cloudy, dull start with rain. Brighter later with some heavy, possibly thundery showers.

Mountain weather hazards on Tuesday 18 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Light rain	Light rain	Heavy rain showers	Heavy rain showers	Light rain showers (night)
Precipitation probability							
10%	60%	80%	60%	60%	40%	30%	20%

Forecast for Tuesday 18 Aug 2020

Weather: Mostly cloudy overnight with outbreaks of light rain turning heavier and more persistent, especially in the north and west approaching daybreak. Rain becoming more intermittent during the morning with some brighter spells likely at times. Into the afternoon sunny spells and occasionally heavy showers will break out, with a small chance of thunder; these showers then easing into the evening allowing good clear spells to develop.

Chance of cloud free mountain/hill tops above 600m: 20% overnight and early morning, with broken areas of cloud giving navigational problems down to around 300-400m. Rising to 90% by the afternoon, with showers or thunderstorms liable to cause patchy cloud cover on, or just above hill tops above around 600m. Lowering to 60% by late evening with occasional cloud cover above 500m.

Visibility: Good air clarity overnight and during the morning at low altitudes, though distant ranges will be obscured from view in any rain. Minimal views on the tops at this time due to cloud obscuring summits. By the afternoon excellent air clarity should generally mean that all hills in sight should be clearly seen with good detail, but nearby hills may briefly appear as faint outlines in any heavy showers or thunderstorms. Seriously reduced visibility on some peaks during the late evening associated with low cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 18 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 S	12/18 S	15/23 S	18/27 SW	20/29 SW	17/26 SW	13/18 SW	12/17 SW	13/19 SW
300	9/16 S	8/15 S	11/20 S	15/24 SW	16/24 SW	13/22 SW	9/15 SW	8/13 SW	7/12 SW
Valley	5/12 SE	6/14 SE	8/19 S	11/22 SW	12/24 SW	10/20 SW	7/14 W	4/12 S	5/13 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/11	12/10	12/9	12/9	14/10	15/12	14/12	13/11	12/10
300	15/14	14/13	14/12	15/12	16/13	18/16	17/16	15/14	14/13
Valley	15/15	14/14	14/14	15/14	16/15	18/17	18/17	16/15	14/14
Freezing Level*	2700m	2700m	2800m	2800m	2800m	2800m	2700m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 17 Aug 2020	9.4mm	14.4mm	14.4mm

Forecast for Wednesday 19 Aug 2020

Weather: Dry, with clear spells overnight and early Wednesday daytime and some low cloud and mist patches. Some bright or sunnier conditions mid-late morning, but cloud and rain will become persistent into the afternoon and through the evening, some of which is likely to be heavy. Strengthening winds will accompany the rain.

Maximum wind: South or south-east 20-25 mph gusting 30-35 mph.

Chance of cloud free mountain/hill tops above 600m: 60% overnight with occasional cloud cover to around 600m. Increasing to 90% from mid-morning. Becoming 20% by evening with persistent cloud above 300m.

Visibility: Generally good or very good air clarity, but reducing to a few kilometres in any mist patches in valleys during the early morning, or minimal on hills obscured by cloud. With the arrival of persistent rain later in the day distant hills will become indistinct and nearby hills hard to see, making navigation much more difficult.

Temperature: **Valleys:** Plus 14 becoming Plus 20 Celsius.
At 600m: Plus 11 becoming Plus 15 Celsius.
Freezing level: Above the summits.

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